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Feedback Liquid Level Sensor
WTLLS-C PLUS



WTLLS-C PLUS Feedback Liquid Level Sensor

Feedback capacitive sensing provides reliable closed-loop control.

PRODUCT FEATURES
PRODUCT ADVANTAGES

Supply: 5-24 V DC

Simultaneous multi-probe detection without mutual interference

Compact size: 53 x 20 x 15 mm (with housing)

Insulated enclosure; slim, durable construction

Power consumption <1 W

Operating temperature: -40 to 85°C (industrial grade)

One liquid-entry output and one liquid-exit output

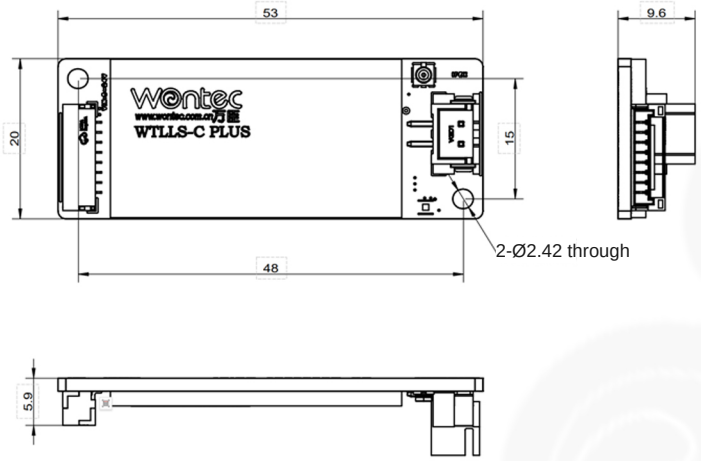
Minimum detectable volume: 5 µL, depending on the medium;

>20 µL for reliable detection

RS485/CAN interface for sensitivity, address and other settings

XH2.54 2-pin or IPEX capacitive input

DIMENSIONAL DRAWING





After wiring, one brief LED flash at power-up indicates correct connection.
One brief LED flash on liquid contact confirms successful detection.

USER INTERFACES

TERMINAL DESCRIPTION

Connector	Pin	Name	Pin Description
	Pin 1	P1	5-24 V: Power
	Pin 2	P1	GND:GND
	Pin3	P1	OUT1: Liquid Entry
	Pin 4	P1	OUT2: Liquid Exit
	Pin 5	P1	485B
	Pin 6	P1	485A
	Pin 7	P1	CAN-L
	Pin 8	P1	CAN-H
	Core	P2	Level-sensing lead
	Shell	P2	Level-sensing shield ground
	pin1	P3	Outer Needle / Floating
	pin2	P3	Inner Needle